

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129127 Mode: Highway Status: Submitted

NC-43

From/Cross Street: US 17 Specific Improvement Type: 5 - Construct Roadway on New

Location

To: US 70 Project Category: Regional Impact

Length: 2.28 **TIP#:** R-4463A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$11,375,000

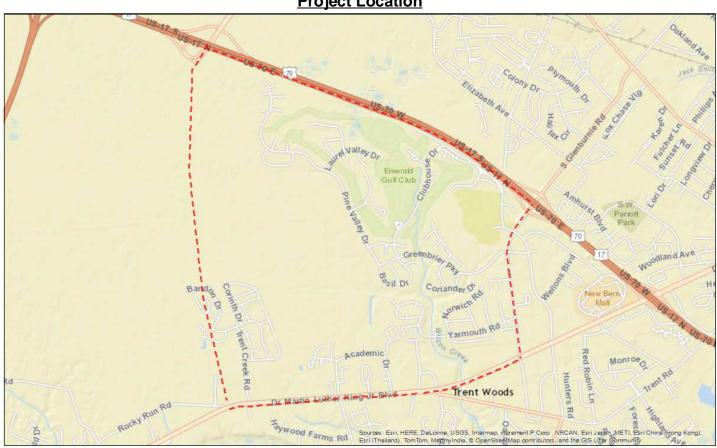
Description:

Construct Roadway on New Location

Division(s): Division 2 **County(s):** CRAVEN

MPOS(s)/RPO(s): New Bern MPO

Project Location



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Statewide	Mobility	y Total	Score:	0
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Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 26.14

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) Multimodal + [Freight & Military] (25%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 70% Weighted Score:	15.08 16.32 20.22	Percent: 15% Points: 0	Percent: 15% Points: 95

Division Needs Total Score: 28.03

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (20%) Multimodal + [Freight & Military] (10%) Totals: Weight: 50% Weighted Score:	29.42 15.08 16.32	Percent: 25% Points: 0	Percent: 25% Points: 70

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Project Data *

Existing Conditions

Existing Cross-Section: 51 Speed Limit: Length (miles); 5.19 Freeway Facility Type: Access Control: None Functional Classification: Minor Arterial Terrain Type: Level Lane Width: 12 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 20863.42 59405.54 Capacity: 0.35 Volume/Capacity Ratio: % Autos: 93% % Trucks: 7% Truck Volume: 1507.56 14.81 Crash Density: Crash Severity: 16.02 14.41 Critical Crash Rate: Crash Frequency: 0 0 Severity Index: County Tier Designation: 2 Non-Interstate STRAHNET Yes Route? Average Commuting Time: 21 Existing Median Type (for Divided Cost Estimation): Pavement Condition Rating: 77 Actual Congested Speed: 49.41 Travel Time Index: 1.03

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders	
Speed Limit:	55	
Length (miles):	2.28	
Facility Type:	Multi-Lane Highway	
Access Control:	Limited	
Functional Classification:	Other Principal Arterial	
TerrainType:	Level	
DOT Design Lane Width:	12	
DOT Design Paved Shoulder Width:	10	
Travel Time Savings for 30 Years (Total):	10150056.03	
Travel Time Savings for 30 Years (Autos):	9416626.27	
Travel Time Savings for 30 Years (Trucks):	733429.76	
Long-Term Employment:		
% Change in Economy:		
Provides Direct Connection to Transportation Terminal?	No	
Does project upgrade how the roadway functions?	Yes	
In CTP or LRTP?	No	
CTP/LRTP Name:		
CTP/LRTP Completion Year:		
Submitted by:	Division 2	

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^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 2	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
New Bern MPO	100%	95	70
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		95	70

Project Cost and Source

Construction Cost:	\$10,100,000	TIP Unit
Right-of-Way Cost:	\$1,275,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$11,375,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$11,375,000	

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